

## DOCUMENT RESUME

ED 128 894

EA 008 664

AUTHOR Erickson, Kenneth; And Others  
TITLE Planning Goals and Concepts and Space Facilities  
Program for Northwest Christian College.  
INSTITUTION Amundson Associates, Springfield, Oreg.  
SPONS AGENCY Northwest Christian Coll., Eugene, Oreg.  
PUB DATE Jun 74  
NOTE 35p.

EDRS PRICE MF-\$0.83 HC-\$2.06 Plus Postage.  
DESCRIPTORS \*Campus Planning; \*Church Related Colleges; College  
Housing; \*College Planning; Educational Environment;  
Educational Objectives; \*Facility Requirements;  
Flexible Facilities; Gymnasiums; \*Higher Education;  
\*Master Plans; Resource Centers; Space  
Classification; Space Utilization; Student Teacher  
Relationship; Student Unions  
IDENTIFIERS Chapels; Oregon (Eugene)

## ABSTRACT

The information presented in this report is designed to develop a better understanding of the design background of the Northwest Christian College campus and its academic center, activity center, and residence center. The goals, facts, and needs of the educational program of the college have been analyzed and synthesized into a design concept for the college campus that is intended to provide an image of the architectural environment in which the educational program of the next decade can be conducted.  
(Author/MLP)

\*\*\*\*\*  
\* Documents acquired by ERIC include many informal unpublished \*  
\* materials not available from other sources. ERIC makes every effort \*  
\* to obtain the best copy available. Nevertheless, items of marginal \*  
\* reproducibility are often encountered and this affects the quality \*  
\* of the microfiche and hardcopy reproductions ERIC makes available \*  
\* via the ERIC Document Reproduction Service (EDRS). EDRS is not \*  
\* responsible for the quality of the original document. Reproductions \*  
\* supplied by EDRS are the best that can be made from the original. \*  
\*\*\*\*\*

FD128894

U.S. DEPARTMENT OF HEALTH,  
EDUCATION & WELFARE  
NATIONAL INSTITUTE OF  
EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY.

PLANNING GOALS AND CONCEPTS  
and  
SPACE FACILITIES PROGRAM

for

NORTHWEST CHRISTIAN COLLEGE

Eugene, Oregon

EA 008 664

June 1974

FIELD TRAINING AND SERVICE BUREAU STAFF

Dr. Kenneth Erickson

Dr. Robert L. Rose

John Chamberlain

Jim Coulson

THE AMUNDSON ASSOCIATES - CONSULTANTS

John M. Amundson

Richard G. Maris

June 3, 1974

Dr. Barton Dowdy, President  
Northwest Christian College  
Eugene, Oregon 97403

Dear Dr. Dowdy:

Attached is a report of the Space Facilities Program for Northwest Christian College developed by the Field Training and Service Bureau in cooperation with Amundson Associates and selected members of the faculty, administration and student body of Northwest Christian College.

The information presented is designed to develop a better understanding of the design background of the Northwest Christian College Campus and its Academic Center, Activity Center and Residence Center. The goals, facts, and needs of the educational program of the College have been analyzed and synthesized into a design concept for the College campus and each of the three centers.

4

This report may not answer every problem in the planning of new campus facilities. However, it will serve as an appropriate educational guide for the Board of Trustees, administration and architect who have a significant responsibility in designing campus facilities to serve changing educational practices and the needs of the students of Northwest Christian College.

The Bureau gratefully acknowledges the contribution you and members of your staff made in contributing freely of your time and talents to the development of this report.

Sincerely,

*K.A. Erickson*

Kenneth A. Erickson, Director  
Field Training and Service Bureau

# NORTHWEST CHRISTIAN COLLEGE

## BOARD OF TRUSTEES

Harry V. Atkins  
Gerald S. Bash  
Donald S. Cox  
Marvin K. Eckfeldt  
Virgil R. Grogan  
C. Meredith Harris  
Jack L. Hart  
Wallace N. Hastings  
Jasper C. Havens  
Russell Hensley  
Ansel E. Hyland  
Harold V. Johnson

George M. Knox  
D. Franklin Kohl  
Gerald P. Larson  
Chester M. Mahugh  
Newell F. Morgan  
Lawrence E. Pitman  
Glenn E. Seitz  
James E. Stock  
James E. Stockdale  
Clifford S. Weare  
Leo A. Woodruff

Barton A. Dowdy, President

# NORTHWEST CHRISTIAN COLLEGE

## TASK FORCE MEMBERS

Guy Aydelott  
Cornelia Barnhart  
Lawrence Bixler  
John Boosinger  
Pauline Boosinger  
Marsha Brewer  
C. Alton Brostrom  
Dudley Carson  
Gary Cheatham  
Trudy Clapp  
Bob Clark  
Duane Cox  
Barton A. Dowdy  
Zola Ehlers  
Joan Ewing  
Roy Ewing  
Alger Fitch  
Debbie Hanna  
Mary Hatler  
Dennis Helsabeck  
Fred Henry  
Peggy Hewitt

Dwight Hille  
Ansel Hyland  
Mary Ihle  
Gilbert Kistler  
Lee Lane  
Frank Loyd  
Beth Luna  
Tom May  
Elwin Myrick  
Ron Naff  
Linda Niranen  
Bob Powell  
Song Nai Rhee  
Sue Rhee  
William Richardson  
Paul Rickard  
George Shoemaker  
William Siefke  
Doug Skinner  
Phil Warner  
Craig Weber  
Jim Womack  
Wilietta Woodson

## TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTION	1
EDUCATIONAL GOALS	3
STUDENTS AND FACULTY	5
DEVELOPMENT CONCEPTS AND OPPORTUNITIES	6
Existing Site and Facilities	6
CAMPUS ORGANIZATION	9
OPEN SPACE, CIRCULATION AND PARKING	11
THE ACADEMIC CENTER	14
THE STUDENT CENTER	19
Chapel	20
The Activity Area	23
Gymnasium-Recreation Area	25
THE RESIDENCE CENTER	27

# NORTHWEST CHRISTIAN COLLEGE CAMPUS DEVELOPMENT STUDY

## INTRODUCTION

Northwest Christian College enjoys a unique position among small, private, religious-based colleges in the Northwest. While many similar colleges are experiencing great difficulty in maintaining their programs at a credible level, Northwest Christian College has enjoyed a continuous growth and has established a sound educational foundation. Such a position may be due to several factors including its physical location capable of serving a regional market, its appeal as a school of smaller scale and more intimate concern for personal development of the student, and most certainly its announced purpose of providing an environment of Christian attitude and principle in the higher education system. With dynamic changes being affected at all levels of the education system and particularly in higher education as a result of decreased economic resources, a changing value system in educational achievement, and increased awareness of the need for viable alternative educational environments, it is an opportune time for the re-evaluation of the future of the College. Coupled with an increasing enrollment and the need for additional facilities this provides an excellent opportunity to establish both an educational plan and a campus development plan for the College for the next decade. Members of the staff, administration, and student body have sat together both in independent committees and as a Committee of the Whole to explore and search out those fundamental aspects of the College which are presently noteworthy of preservation and which should be established for the next decade of educational pursuits.



This brief study intends to capsule those concerns into a simplified and comprehensive statement for campus development. In a systematic and analytical way, the functional, form, economic, and time frame image of the Northwest Christian College of the future is embodied in these statements and represent at this time the best thinking of the study group. They are intended to provide an image upon which the real campus of tomorrow can be built and the architectural environment in which the educational program of the next decade can be conducted.

## EDUCATIONAL GOALS

The fundamental educational goal of Northwest Christian College has been expressed continuously as the conscious projection of the Christian Life as a valid personal choice. This philosophical foundation coupled with the pursuit of academic excellence has clearly established the purposes of the college as summarized by the Administration in the following six statements:

1. to provide higher education for young people desiring to prepare for professional and non-professional church work;
2. to help all students secure a comprehensive knowledge of the English Bible and Christian culture and develop habits of life that exemplify Christian teachings;
3. to provide pre-theological programs of study wide enough to meet the needs at the college level of those who plan to become employed as church workers or continue in seminary;
4. to provide sufficient number of specialized courses in various phases of church work including music, and vocational aspects of church leadership;
5. to provide courses of study for a small number of mature ministerial students who for outside or personal reasons cannot attend seminary;
6. to prepare better qualified lay and professional workers for the church.

These purposes have been sufficient to draw a solid enrollment of students to the college from the Pacific Northwest. With the present enrollment standing at approximately 500, it can be anticipated that within the next decade a student body of 600 can be accommodated without destroying the

integrity of the above purposes.

In a continuing program that achieves academic excellence there is a need to couple these purposes with definitive educational goals which can serve as the basis for the physical development of the campus and its academic program. The following educational goals of Northwest Christian College over the next decade have been projected for the campus.

GOAL: To improve the physical and academic environment for learning for all students in the college and for academic research and development by the faculty;

GOAL: To improve the learning resource base of the college by

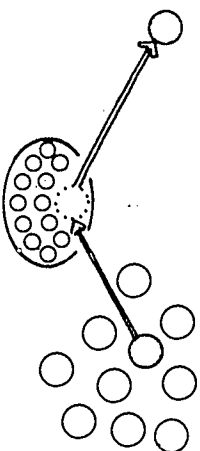
- a) the improvement of the quality of resources;
- b) the extension of resources to new areas; and
- c) the access to resources by students and staff;

GOAL: To improve the opportunity for developing and improving the quality of education through the interaction that takes place among curriculum, faculty, students and resources within the personal and physical context of the institution.

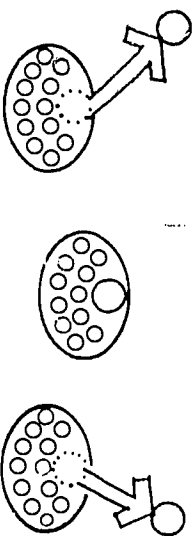
# 75%



HOST STUDENTS  
COME FROM OREGON  
AND THE  
PACIFIC NORTHWEST



ENROLLMENT MAY BE LIMITED  
BY THE PROBLEM OF  
RECRUITING QUALIFIED FACULTY



WITHIN 15 YEARS  
TWO-THIRDS OF THE PRESENT  
FACULTY WILL RETIRE

## STUDENTS AND FACULTY

The majority of the student body population attending Northwest Christian College are affiliated with the sponsoring church denomination (approximately 75%) and come primarily from Oregon, Washington, Idaho, the other Northwest states, and California. Although small in scale, the growth of student enrollment in NCC has been consistent. Presently, there are approximately 412 full-time equivalent students on campus represented by 498 individuals. An analysis of student enrollment indicates a growth rate of approximately 25 full-time equivalent students per year, thus the College could anticipate enrollment within the next decade of over 500 full-time equivalent students and a total student body of 600. This appears to be the most realistic figure to use in the projection of space needs for the next decade.

### Student Body Enrollment by Selected Years

	1964 - 74
1964 - 65	500 students
1968 - 69	506 students
1973 - 74	559 students

The College has employed a careful recruiting and selection process for faculty recognizing the need for both the academic excellence of the College and the Christian philosophy of teaching and education. The growth of the College in the next few years may be heavily influenced by the problem of recruiting qualified faculty to take the place of retiring faculty. This problem is exaggerated during the next few years as two-thirds of the present faculty will retire within 15 years.

## DEVELOPMENT CONCEPTS AND OPPORTUNITIES

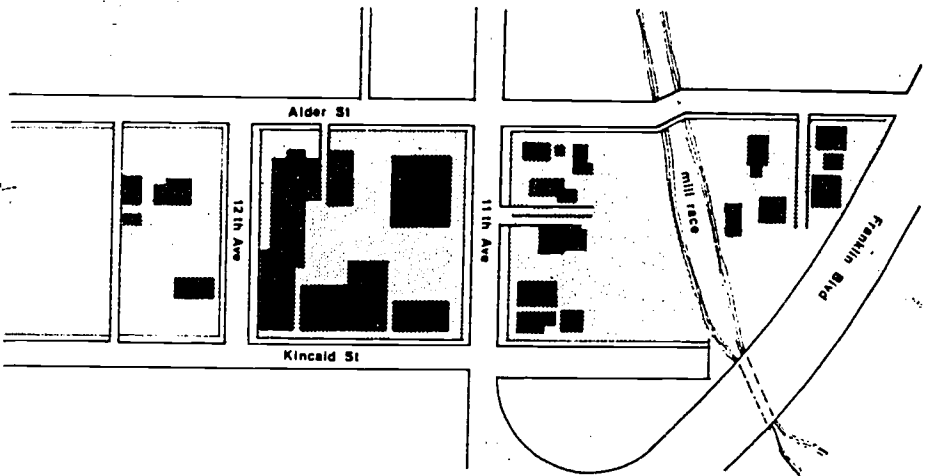
### Existing Site and Facilities

The present College campus is located immediately adjacent to the University of Oregon campus on a 6.07 acre site. The College is bordered on the west by Sacred Heart Hospital, on the south by a small commercial area and on the north by Franklin Boulevard. The site is bisected by Eleventh Avenue, a major traffic carrier. The Eugene Millrace passes through the north part of the campus. Marian Hall, located two blocks west on Eleventh Avenue, was originally constructed by Sacred Heart Hospital in 1964 as a nurses' dormitory and purchased by North-west Christian College in 1974 as a residence hall.

The present College campus consists of several existing buildings constructed for college purposes and supplemented by large adjacent residences and semi-commercial buildings on both the north and the south areas. The oldest building on campus is the administration building, circa 1908, and the most recent is Marian Hall, 1964. No major development has occurred on the campus in the past ten years, except for renovation of existing campus buildings and remodeling of recently acquired buildings for academic purposes. Additional properties have been acquired recently south of Twelfth Avenue and north of the Millrace. Other adjacent properties are available and scheduled for acquisition to fill out the campus ownership.

Through the past few years the possibility of relocating the campus to a suburban or rural area has been explored, however, this has proven to be both economically and academically infeasible. Therefore, a series of primary development goals of the campus have been established.





THE COLLEGE SURVIVED  
SHOULD HAVE A  
"SENSE OF COMMUNITY"

GOAL: Northwest Christian College will not relocate its campus in another location but will stay in the present location. It is the intentions of the College to utilize the existing facilities and site to the maximum, to establish a physical contiguity of the campus components as well as a homogeneity of the physical environment of the campus. New buildings and facilities will be built as required to fulfill the educational objectives of the College as developed by the study committee.

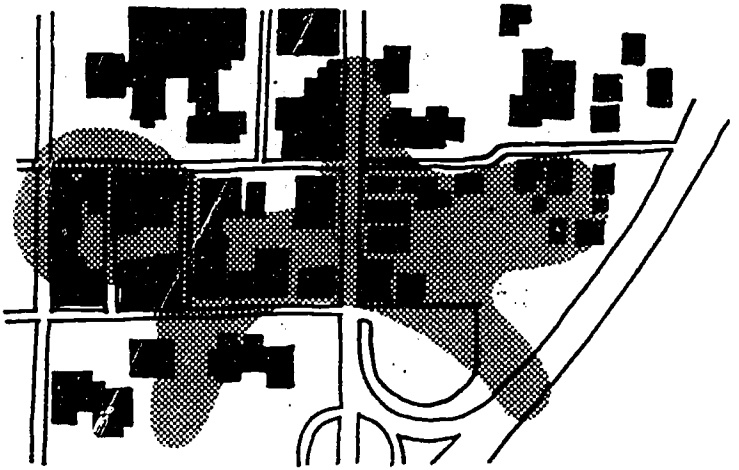
One of the difficulties, and greatest advantages, of maintaining the campus in its present location is the close relationship to the surrounding activities: the University of Oregon; Sacred Heart Hospital; the commercial activity; and student housing areas. This close relationship causes the campus to be physically submerged within the area with little identity. Therefore, this has established another development goal.

GOAL: Northwest Christian College should establish and maintain a physical identity and character which is unique to the academic and personal development goals of its students.

There has also been a very strong concern expressed about the character of the campus as a whole.

GOAL: The physical development of the College should maintain a "sense of community" to maintain the concept of the student body and faculty working together closely. The campus environment should express "Who we are and Whose we are."

This should not imply, however, that the College should separate itself by hard boundaries from the surrounding community. Students should not sense an isolation from the surrounding area and a loss of contact with the neighborhood. Easy access should be maintained to the resources of the University for academic purposes, as well as to the commercial area and the hospital facility for social activity and community work. Maintaining a close relationship



BOUNDARIES OF NCC  
SHOULD BE SOFT AND  
INTERWOVEN WITH THE  
SURROUNDING  
COMMUNITY

With these activities will provide a maturity among the student body and a strengthening of their personal principles through the exposure to a variety of cultures and values.

GOAL: The College should become a viable part of the neighborhood urban fabric, both physically and socially.

Therefore, the visual boundaries of the Northwest Christian College campus should be soft and interwoven with those of the surrounding community. This could be achieved by inter-relating the buildings and open spaces of the College with those of the University, Sacred Heart Hospital, and the surrounding area. Pedestrian and bike routes should interlink with those of the surrounding activities so they become common to both. The opportunity for personal contact between Northwest Christian College students, University of Oregon students, and Sacred Heart Hospital patients could provide a stimulating and worthwhile personal experience.

15

GOAL: Open space on the Northwest Christian College campus should be preserved wherever possible and integrated with the open space patterns of surrounding activities to create continuity of circulation routes and public spaces. If buildings should be interlinked for protected inter-access, this should be done without destroying the open space patterns.

Of continuous concern in a program of building construction is the intended quality of the new facilities. The basic philosophy of previous construction development on campus is to provide the most effective and efficient buildings for the available funds.

GOAL: Future school development should be of good quality, while utilizing materials of low maintenance in an imaginative manner to create a favorable image of Northwest Christian College.

## CAMPUS ORGANIZATION

The goals for the development of the campus for academic pursuit have suggested that the campus facilities be organized around three major centers:

### The Student Center

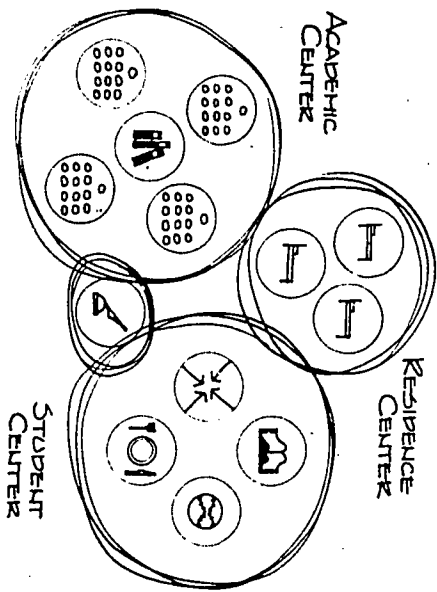
These new facilities would include a Chapel; an Activity Area, including food service, lounge, student government and forum; and a Gymnasium-Recreation Area. Spaces in these facilities, particularly the Chapel, should be multi-functional and provide academic teaching space.

### The Academic Center

This area would be composed of an expanded Library and Resources Area, classrooms and teaching areas, seminar and discussion rooms, and staff offices.

### The Residence Center

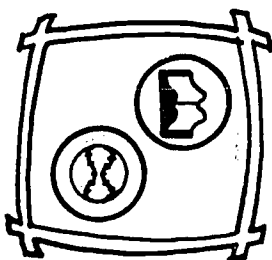
This area would include student housing for on-campus living and individual group social areas.



This three-part campus organizational structure would be supplemented by administrative and student services and physical plant services. In addition, parking would be required for faculty and students.

Each of the proposed campus centers has been carefully analyzed to identify its internal functions and operations. In addition, a priority has been suggested as being most appropriate for the construction of new facilities.





## FIRST PRIORITY

\* CHAPEL

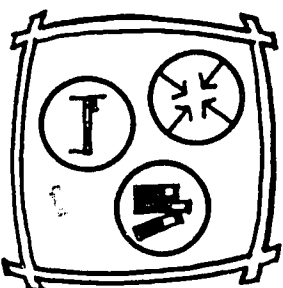
\* GYM-RECREATION  
AREA

Top priority for development has been given to the Chapel and Gymnasium-Recreation Area of the Student Center. These two areas will fill a pressing need for space in many areas of the College program, both directly and indirectly. The space available for academic use in a new Chapel would relieve congested space in existing buildings for expansion of the Library and Resource Area, classrooms and staff offices.

The Gymnasium-Recreation Area would recognize a long time need for a home for the College athletic program and for a physical education program.

These new facilities would open the way for the second level priorities in the following order:

Food Service and Activity Area  
Library and Resource Area  
Classrooms, Seminar Rooms and Offices  
Administrative and Student Services  
Student Housing and Related Services  
Physical Plant Services



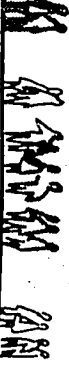
## SECOND PRIORITY

\* STUDENT ACTIVITY AREA

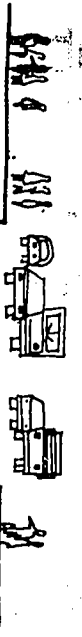
\* RESOURCE AREA

\* STUDENT HOUSING

## OPEN SPACE, CIRCULATION AND PARKING



INTERCONNECT CAMPUS BUILDINGS  
WITH COVERED WALKS



11th AVENUE  
WHICH DIVIDES THE CAMPUS  
AND IMPEDES CIRCULATION....

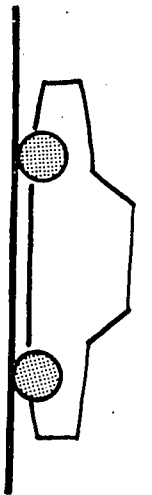


MUST BE BRIDGED  
TO INTEGRATE THE CAMPUS

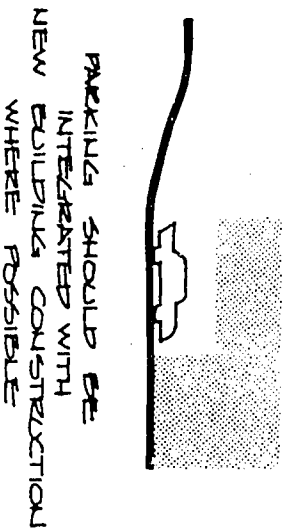
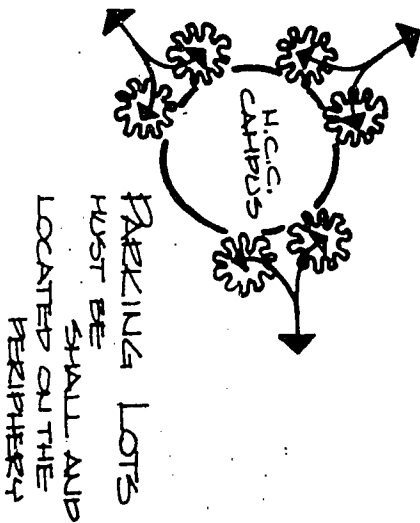
The desire to have the campus recognized as a community implies several alternative concepts of how campus buildings and open space should relate to each other. The manner in which buildings are interlinked will have a great deal to do with the way in which both faculty and students interact while they are on the campus. For example, with separate buildings, movement from one building to the next during inclement weather, will be without hesitation and by the most direct route. Little opportunity will be available for individuals to gather informally. Therefore, the following concepts could be considered to strengthen the sense of community by the use of open space circulation systems among buildings.

Covered walkways, either open, partially enclosed or totally enclosed, interlinking the buildings of the campus could play a vital role in promoting a sense of community among the students and faculty, as well as with the outside world. Such walkways could occur on the ground or upper levels between buildings which are related. These circulation routes could be designed so as to have areas of hesitation where displays or announcements could be seen, and moments of discussion could be conducted. Circulation paths could move through or adjacent to buildings and could interconnect entries in a manner which would provide a clear and direct system of circulation within the campus area.

On the existing campus, such interconnecting walkways could be used effectively to increase the efficiency and effectiveness of existing spaces. In addition, an elevated walkway could be envisioned to remove the barrier posed by Eleventh Avenue to easy access between the north and south areas of the campus.



PRESENCE OF AUTOMOBILES  
SHOULD NOT  
OVERWHELM  
ENVIRONMENT



Covered walkways carefully integrated with a landscape plan, could create a series of identifiable entries to and passages through the campus as well as a definition of the open spaces and their relationships to the academic buildings.

With a high emphasis and reliance upon individual automotive transportation, the impact of the automobile on a campus as small as Northwest Christian College can be significant. Therefore, the amount of land to be devoted to parking, its location and relationship to other buildings should be carefully considered. It is obvious to most observers that when the area devoted to parking is too great, the surrounding environment is unpleasant and negative. This situation can not be corrected by the simple introduction of landscape in parking areas, as this is insufficient to overcome the negative impact. It appears that it is not possible to create a satisfactory and acceptable environment when more than 9% of the land is used for parking. Therefore, the location of parking facilities on the Northwest Christian College campus are very critical. The following options should be considered in locating parking.

Small parking lots for a limited number of cars can be located around the periphery of the college and heavily bordered with landscape to reduce their impact on the adjacent development..

Parking can be provided with each building or development so that it does not accumulate all in one place or overflow into the surrounding neighborhood.

Underground parking facilities can be provided with new structures, if the funds are available. Some structures are more adaptable than others to this type of integration such as tennis courts, office buildings, and dormitories. Other buildings may not be adaptable to integrating parking with them. A typical solution is to have partially below grade parking with buildings elevated a one-half level grade on a platform, such as the Eugene City Hall Complex.

It should be noted that the present "open parking policy" permitting faculty and students to park wherever they can, may require future change by the reorganization of parking areas, mass transit development, DEQ parking standards, and the possible necessity to reduce the number of spaces available to students.

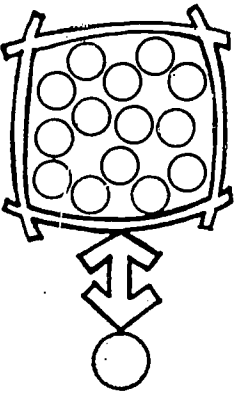
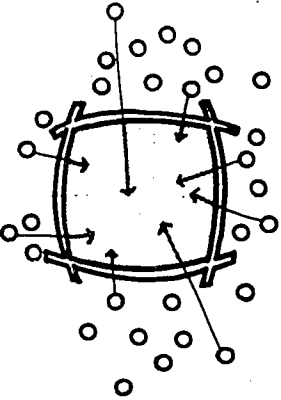
## THE ACADEMIC CENTER

### PROGRAM

The Academic Center is envisioned as the central part of every learning experience in the College, particularly in the academic areas. Combining the Resource and Classroom Areas, it performs as a service center to staff, students and community users, such as ministers and patrons through all forms of material and knowledge resources, as well as a variety of seating and study arrangements to support the institution's instructional programs and unique objectives.

For the Academic Center to perform this service to the school community, the Resource Area must provide the housing, use and loan of a variety of materials according to content and purpose--curriculum support, research, reference, supplement--curriculum support, cultural improvement, entertainment, enrichment, recreation--and research facilities for faculty and students. The Classroom Area must provide flexible seminar, lecture and office areas for staff.

EVERY STUDENT  
SHALL HAVE THE RIGHT OF ACCESS  
TO RESOURCES OF LEARNING



CLASS SIZE  
SHOULD BE RELATED TO  
CLASS FUNCTION

It is the right of every student to have a variety of learning resources and environments readily accessible. The Resource Area must be suitably staffed with trained personnel for the variety of duties required in materials procurement, processing, maintenance, use--informal and formal instruction--and circulation. This area will house and distribute all audiovisual material and equipment to departments and classes and to individual students for independent study. The Class Area will lend itself to flexible arrangements to permit reaching a goal of utilizing various teaching techniques in balancing theory and practice courses that relate to Christian faith, understanding of the person, communication skills and an understanding of the culture in which today's man lives and works.

SPACE		Available	Projected
Resource Area			
Librarian, Receptionist	304	310 s.f.	
Regular Collection Stacks	2,550	5,720	
User Space	4,100	8,515	
Typing	--	400	
Collections, Newspapers	825	935	
User Space	280	505	
Circulation	148	400	
Work Area	152	260	
Revolving Collection, Reserves	38	69	
User Space	--	320	
Cataloging, Acquisitions	212	474	
Audiovisual Materials	168	340	
User Space & Control	--	564	
Special Use Areas	260	1,060	
Reference Collection	190	579	
User Space	440	440	
Special Collections & Storage	287	605	
Work Room & Repair, Storage	200	296	
Display	200	200	
Staff Lounge	202	240	
Toilets	--	600	
Xerox	64	64	
	<u>10,620</u> s.f.		
TOTAL NET		22,900 s.f.	
Circulation	15%	3,390 s.f.	
Service	5%	1,130	
Design Contingency	5%	<u>1,130</u>	
		5,650	
TOTAL GROSS		28,550 s.f.	

Teaching Space

Classrooms Large Group (4,000 s.f.)<sup>A</sup>  
12 @ 50 seats  
(divisible by 2 or 3)  
12,000

Offices 25 2,500 s.f.

TOTAL NET AREA 14,500 s.f.

Circulation 25% 3,625 s.f.  
Service 5% 725  
Design Contingency 10% 1,450  
5,800 s.f.

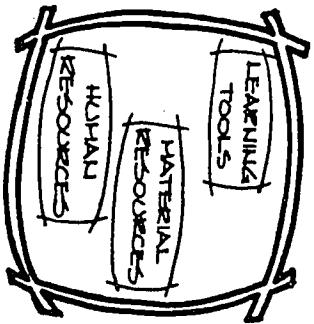
TOTAL GROSS AREA 20,300 s.f.<sup>B</sup>

<sup>A</sup> Classroom/assembly spaces to be provided within the multi-functional Chapel

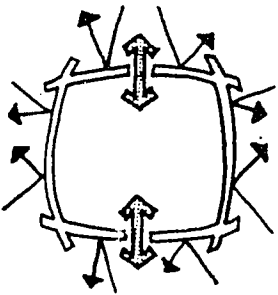
<sup>B</sup> Existing Teaching Space 11,300 s.f.

The teaching spaces required for 500 FTE students in addition to the new space provided by the Chapel will be nominal. The renovation of classroom areas, expansion of the Library and Resource Area into existing classroom spaces or provision of faculty offices may require minimal new classroom space per se to be built.

## DESIGN CONCEPTS



LIBRARY  
SHOULD BE  
RESOURCE AREA



LIBRARY SHOULD RETAIN  
PHYSICAL SECURITY

The Academic Center is a comprehensive multi-functional facility incorporating the Library and Resource Area, teaching center, and office facilities into a single interrelated complex. It is anticipated that the Academic Center will centralize all academic activities in both their physical relationship and functional organization in such a manner as to maximize the educational resources and the human resources of the College. This area would then satisfy one of the paramount educational goals of the College.

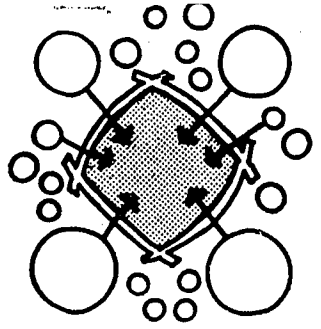
GOAL: It shall be the right of every student to have resources of learning readily accessible.

GOAL: The Resource Area and offices must be readily accessible to the classrooms and teaching areas with minimum obstruction of student movement. Teaching areas, however, should be visually and acoustically protected from distractions.

While the Resource Area should strive to satisfy this educational goal, it should also retain the capability of physical security during closed hours, thus not requiring staff surveillance on a continuous basis. The Academic Center is envisioned as having as its central focus the Library and Resource Area of the College. This area should be open, friendly and inviting to the students and faculty. Generous space should be provided in the stack areas for browsing, study and research. Surrounding the Resource Area and with direct access to it, should be located the office spaces for faculty members teaching in the Academic Center. These office spaces should also be on circulation routes for students and have staff-student and student-student interaction space similar to the campus circulation routes as a whole.

In addition, the Academic Center should provide for the maximum use of new teaching media including video tape, audiovisual, cassette tape, and similar teaching media in a printed or nonprinted form, including maps, charts, graphs, etc.





LIBRARY  
SHOULD BE DIRECTLY ACCESSIBLE  
TO CLASSROOMS, SEMINAR ROOMS  
AND INDIVIDUAL STUDY SPACES

Although the present teaching methodologies such as lecture, audiovisual, small group, and individual study will be the principle ones used in the immediate future, it can be anticipated that at some later time alternative teaching methodologies may be employed. These could include individualized curriculum, non-scheduled class studies and specialized project explorations. The Academic Center should be flexible and versatile enough to accommodate a variety of teaching methodologies in the future.

When an academic area is composed of just a collection of offices, classrooms and resource areas, there is little chance for a sense of community to develop and therefore the possibility of open exchange is diminished. Constant informal contact among the members of the academic department as well as between staff and faculty provides a vibrant source of communication within a normal work pattern. Therefore, it is recommended that either the Academic Center or major departments within the Center be provided a "hearth" at the center of gravity of the departmental offices and classrooms. Within this area should be a lounge, mail area, coffee bar, small library and student information center. This academic hearth should be located on major circulation routes of the students, so they have access to it without going out of their way. Such an arrangement can maintain a strong sense of community among staff and students and among the departmental members of the faculty.

## THE STUDENT CENTER

The Student Center as envisioned by Northwest Christian College will include three distinct activities areas: 1) Chapel, 2) Gymnasium-Recreation Area, 3) Activity Area. This facility should be the hub of the students' nonacademic life. The emphasis should be on the students' spiritual, social and cultural life. Lounge areas should be provided for quiet conversation, cultural displays as well as light recreational activities. Student meeting rooms and student offices should be available for elected class representatives. The total area should remain student centered with little or no emphasis on school administrative functions.

## CHAPEL

### PROGRAM

The Chapel should be large enough to house 600 people and yet be flexible enough to be used for other activities such as speech, instrumental music, choral groups, student assemblies, drama productions and homiletics site. There should be adequate storage for instruments as well as equipment such as tables, chairs, podium and essentials needed for Chapel use.

This area must be multi-functional and adequate enough to include chapel, music and speech classes. Movable walls or partitions should divide this area into classrooms or practice spaces. This area will be in use from early morning to late evening, therefore, security will need to be a consideration in design.

### SPACE

The following spaces have been programmed for the Chapel:

27

#### Multi-Function Assembly

(CR use)	1 @ 200 seats (divisible-2 @ 100)	2,000 s.f.
	400 seats and lobby	4,000 s.f.
	600 seats	<u>6,000 s.f.</u>

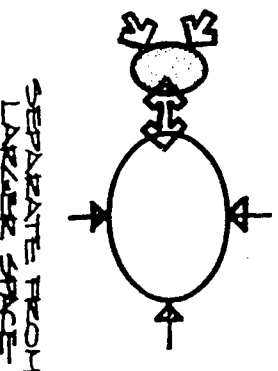
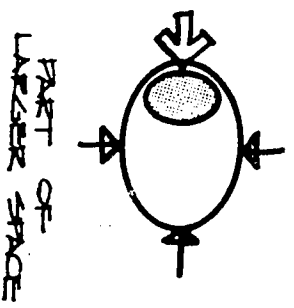
#### Permanent Chapel Area

100 seats	800 s.f.
25 seats (platform)	250
100 standing choir	<u>600</u>
	1,650 s.f.

#### Chapel Support

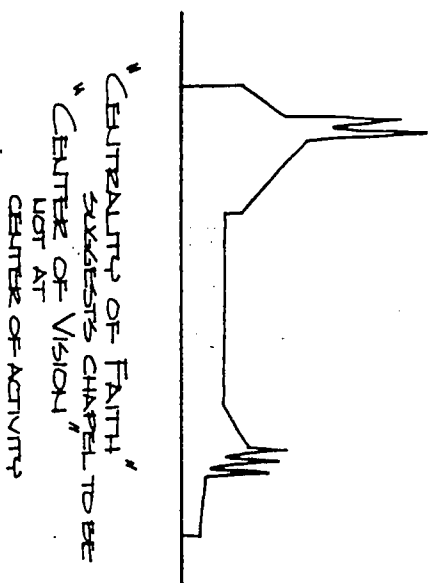
Choir Robing Room	1,000 s.f.
Choir Robe Storage	150
Toilet Rooms	500
Dressing Rooms (2)	600
Office	200
Chair Storage	200
Drama Storage	<u>1,000</u>

CHAPEL MUST BE FLEXIBLE AND VARIABLE TO ALLOW USE FOR TEACHING FACILITIES



Music Practice	10 @ 80	800 s.f.
Speech Practice	2 @ 100	200
Music Storage	12 @ 100	1,200
		<u>200</u>
		6,050 s.f.
TOTAL NET AREA		
		13,700 s.f.
Circulation	25%	3,425 s.f.
Service	5%	675
Design Contingency	10%	<u>1,370</u>
		5,470 s.f.
TOTAL GROSS AREA		
		19,170 s.f.

## DESIGN CONCEPT



The Chapel has been envisioned as the visible center of Northwest Christian College and the visible expression of the centrality of the Christian faith of Northwest Christian College as an institution. However, this expression should not be interpreted as implying that the Chapel should be at the center of activity. It should be readily and easily accessible at the student crossroads for secular group assembly and for individual sacred devotion at all times. Such individual use by students should not prevent other activities from being held in the same building simultaneously. A small Chapel should be accessible at all times for private devotions. Thus, the building should be versatile in its usage and multi-functional in its operation.

A strongly stated goal for the Chapel was made by the Committee.

**GOAL:** The Chapel should retain its semi-traditional form and character both on the exterior and interior and this character should not be degraded when the building is used for various secular and teaching functions.

However, the Chapel should be versatile and multi-functional in the activities which it can accommodate.

The above requirements and design goals for the Chapel implies a configuration which would provide a variety of spaces usable for seminar, classroom or assembly and drama activities, while still being able to separate a small permanent Chapel area.

## THE ACTIVITY AREA

### PROGRAM

The Activity Area will be an informal multi-functional area used by students, staff and community. This area will be open early morning to late evening and will provide a snack bar and light recreational activities for students of Northwest Christian College. Group and individual activities throughout the day will be structured and unstructured or formal and informal depending on the situation. A complete food service program for off-campus and all on-campus students will be available here. In addition, facilities should be flexible enough to accommodate banquet or sit-down dinners.

### SPACE

The following activity areas have been programmed for the Activity Area:

#### Activity Area

Dining  
Main 360 seats 6,000 s.f.

30

Meeting 1 @ 50 seats (divisible)  
4 @ 15 seats

Student Lounge 1,000  
Table and Chair Storage 400  
Kitchen/Snack Bar 2,000  
Recreation 1,000  
Student Offices - 4 500  
Nurse and Health 200

TOTAL NET AREA 11,100 s.f.

Circulation 30% 3,330 s.f.  
Service 5% 555  
Design Contingency 10% 1,110

4,995 s.f.

TOTAL GROSS AREA 16,095 s.f.

## DESIGN CONCEPT

The Activity Area has as its primary goal to provide food service and leisure-time activities for students and faculty in a nonacademic environment. In addition, the Activity Area should provide limited services to the student body such as student government offices. The food service kitchen should be designed and located to provide service to both the dining room and gymnasium for dinners and banquets.

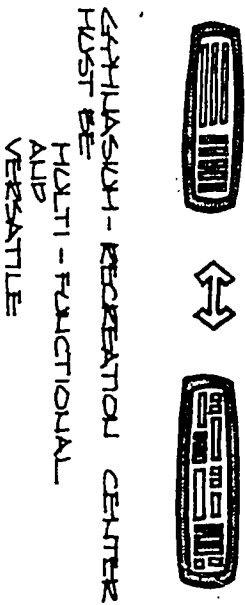
The Student Center should be located near the cross-roads of student circulation on campus. It should be closely related and possibly even inter-connected with the Chapel and Gymnasium-Recreation Area, but sufficiently removed so that conflict does not occur between the quiet, passive atmosphere of the Chapel and the noisy, active atmosphere of the Recreation Area. The Student Center facilities may form the transition between the two dissimilar types of spaces, while still retaining the close relationship desired between them.

# GYMNASIUM-RECREATION AREA

## PROGRAM

The physical education program at Northwest Christian College will attempt to offer every student an equal opportunity to participate in games or activities. Physical conditioning, coordination, agility and balance plus the improvement of health and mind are fundamental objectives of the program. Such activities as basketball, volleyball, badminton, gymnastics, wrestling, tennis and weight lifting are major areas of the program. Interscholastic activities such as basketball and volleyball, wrestling and gymnastics may be part of the program.

## SPACE



GYMNASIUM-RECREATION CENTER  
MUST BE  
MULTI-FUNCTIONAL  
AND  
VERSATILE

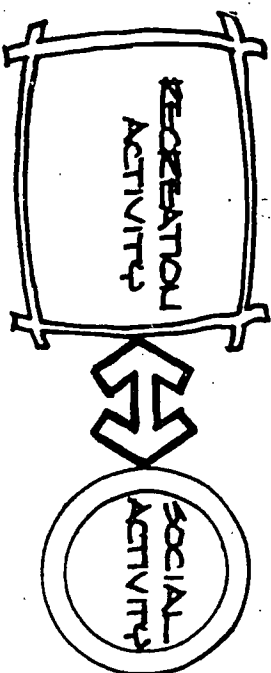
Gymnasium	15,000 s.f.	
Equipment Storage	750	
Men's Shower	400	
Locker Room	1,800	
Toilet	100	
Staff Office	200	
Visiting Team Locker	500	
Faculty Men Locker	150	
Varsity Room	500	
Girls' Shower	400	
Locker Room	1,800	
Toilet	100	
Staff Office	200	
Faculty Women Locker	150	
Uniform Storage	200	
Training Room	200	
Activity Area	2,500	
Laundry	500	
Public Rest Rooms	500	
<b>TOTAL NET AREA</b>	<b>26,150 s.f.</b>	
Circulation	20%	5,230
Service	5%	1,300
Design Contingency	10%	2,600
<b>TOTAL GROSS AREA</b>		<b>9,130 s.f.</b>
		<b>35,280 s.f.</b>



## DESIGN CONCEPT

The Gymnasium should accommodate at least four activity areas for the physical education program. The gymnasium should also provide a main basketball floor with spectator seating of 1000. Seating should be movable or collapsible so that maximum space is available when closed.

The Gymnasium should be convertible to large gatherings including dinners, banquets, musical presentations and meetings. The capability to create both an arena or proscenium arrangement for presentations would be very useful.



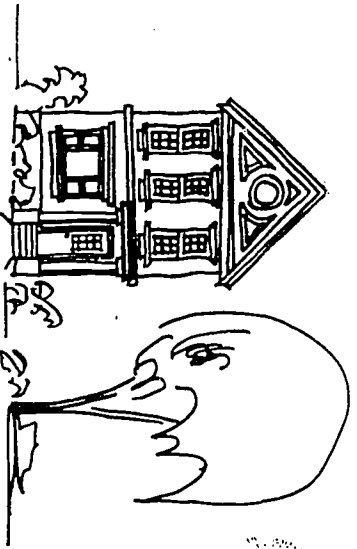
33

GYM-RECREATION AND STUDENT ACTIVITIES  
AREA AREA

SHOULD BE LOCATED CLOSE TOGETHER

# THE RESIDENCE CENTER

## PROGRAM



EXISTING HOUSING WILL BE  
RENOVATED  
BEFORE NEW HOUSING IS BUILT



STUDENT HOUSING  
SHOULD PROVIDE A  
"HOME AWAY FROM HOME"

Student housing has not had a major consideration in this planning study. At the present time, there is a dormitory capacity of approximately 370 students. With a substantial growth of enrollment, the available housing could impose a limit to the number of incoming freshmen in the near future. At the present time this is most critical for women students.

It is anticipated that the existing housing accommodations will be renovated before new housing is built. The present dormitory accommodations could be vastly improved in both effectiveness and utilization under a renovation program.

GOAL: Student housing shall provide the essence of a "Home Away From Home" for the students while at Northwest Christian College.

This goal implies that the renovation of existing housing and all new housing should provide for a person to express his personal feelings of territoriality in addition to sleeping, studying and relaxing.

This can be partially accomplished by providing rooms equipped with movable furniture, including wardrobes instead of closets, that can be arranged, stacked or combined by the student in a highly flexible room. Psychological space can be extended with large outside windows or drawn in by providing personal spaces in which to be alone.

Sound isolation is essential to differing functional areas through walls and along corridors or open spaces. Carpeted floors reduce reverberation and at the same time add color and the character of more intimate space.

With the introduction of new teaching media it should be recognized that student housing could soon be considered to be an extension of the students' learning and development processes.

Small informal lounges for each housing group of twenty to twenty-five students can provide for an exchange of human values between students and an unstructured meeting area for faculty and students on a more casual level. Great care should be taken to avoid a "furniture showroom" appearance in lounge areas. The space and its furnishings should lend themselves to immediate arrangements by the users to satisfy their present use needs and encourage utilization of such mobility.

It should be recognized that under the concept of developing the campus as a physical and social community that students who live on campus will desire to have their housing closely integrated with the academic and social activities of the College. This would be particularly true of the 1st and 2nd year students who are experiencing the responsibilities of college life for the first time. Therefore, future development could anticipate the integration of student housing with the Academic Center or the Student Center. Such an arrangement would provide, particularly with the Student Center, a continuous level of social activity in the academic and activity area. It should be noted that the location of student with academic areas creates the danger of introducing informal high noise level activities into an environment intended for intensive academic pursuit. Careful consideration should be given to this conflict if such a coordination is attempted.

35

STUDENT HOUSING SHOULD  
PROVIDE LEVELS OF PERSONAL  
TERRITORIALITY

